

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. - 6. (canceled).

7. (currently amended): The A polyester multifilament yarn as claimed in claim 1, in the form of a woven or knitted fabric, comprising, as a principal component, a polyethylene terephthalate polymer produced by polycondensing terephthalate diester of ethylene glycol in the presence of a catalyst,

wherein

the catalyst comprises at least one member selected from mixtures (1) the mixtures (1) for the catalyst comprises a titanium compound component (A) mixed with phosphorus compound component (B),

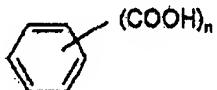
in which mixtures (1),

the component (A) comprises at least one member selected from the group consisting of (a) titanium alkoxides represented by the general formula (I):



in which formula (I), R¹, R², R³ and R⁴ respectively and independently from each other represent a member selected from alkyl groups having 1 to 20 carbon atoms and a phenyl group, m

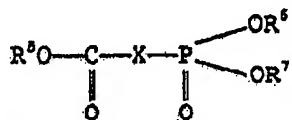
represents an integer of 1 to 4, and when m represents an integer of 2, 3 or 4, the 2, 3 or 4 R²s and R³s may be respectively the same as each other or different from each other, and (b) reaction products of the titanium compounds of the general formula (I) with aromatic polycarboxylic acids represented by the formula (II):



(II)

in which formula (II), n represents an integer of 2 to 4, or anhydrides of the acids of the formula (II); and

the component (B) comprises at least one phosphorus compound represented by the general formula (III):



(III)

in which formula (III), R⁵, R⁶ and R⁷ respectively and independently from each other represent an alkyl group having 1 to 4 carbon atoms, X represents a member selected from a -CH₂- group and a -CH(Y)- group wherein Y represents a phenyl group,

the mixture (1) for the catalyst for the polycondensation being employed in an amount satisfying the requirements represented by the following expressions of relation (i) and (ii):

$$1 \leq M_p/M_{Ti} \leq 15 \quad (i)$$

and

$$10 \leq M_p + M_{Ti} \leq 100 \quad (ii)$$

wherein M_T represents a ratio in % of a value in millimoles of titanium element contained in the titanium compound component (A) to a value in moles of the aromatic dicarboxylate ester, and M_P represents a ratio in % of a value in millimoles of phosphorus element contained in the phosphorus compound component (B) to the value in moles of the aromatic dicarboxylate ester, and

the multifilament yarn has a thickness of individual filaments of 0.3 to 2.0 dtex, a total thickness of the yarn of 90 dtex or less, and a silk factor (S.F.) value of 22 or more, determined in accordance with the following equation (1):

$$(S.F.) = (\text{Tensile strength}) \times (\text{Ultimate elongation})^{1/2} \quad (1).$$

8. (currently amended): The polyester multifilament yarn as claimed in claim 27, in the form of a woven or knitted fabric wherein in the component (A) of the mixture (1) for the catalyst, a reaction molar ratio of titanium alkoxide (a) to the aromatic polycarboxylic acid of the general formula (II) or the anhydride thereof is in the range of from 2:1 to 2:5.

9. (currently amended): The polyester multifilament yarn as claimed in claim 37, in the form of a woven or knitted fabric wherein the dialkyl aromatic dicarboxylate ester is one produced by a transesterification reaction of a dialkyl ester of an aromatic dicarboxylic acid with an alkylene glycol.

10. (currently amended): The polyester multifilament yarn as claimed in claim 49, in the form of a woven or knitted fabric wherein the aromatic dicarboxylic acid is selected from

terephthalic acid, 1,2-naphthalene dicarboxylic acid, phthalic acid, isophthalic acid,
diphenyldicarboxylic acid and diphenoxymethane dicarboxylic acid and the alkylene glycol is
selected from ethylene glycol, butylene glycol, trimethylene glycol, propylene glycol, neopentyl
glycol, hexamethylene glycol and dodecamethylene glycol.

11. (currently amended): The polyester multifilament yarn as claimed in claim 57, in the
form of a woven or knitted fabric wherein the polyester is a polyethylene terephthalate.

12. (currently amended): The polyester multifilament yarn as claimed in claim 67, in the
form of a woven or knitted fabric wherein the polyester polymer has an L* value of 60 to 90 and
a b* value of 1 to 10, determined in accordance with the L*a*b* color specification of JIS Z
8729.